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 NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3  FEB 27   New STN AnaVist pricing effective March 1, 2006
 NEWS  4  MAY 10   CA/CAplus enhanced with 1900-1906 U.S. patent records
 NEWS  5  MAY 11   KOREAPAT updates resume
 NEWS  6  MAY 19   Derwent World Patents Index to be reloaded and enhanced
 NEWS  7  MAY 30   IPC 8 Rolled-up Core codes added to CA/CAplus and
                   USPATFULL/USPAT2
 NEWS  8  MAY 30   The F-Term thesaurus is now available in CA/CAplus
 NEWS  9  JUN 02   The first reclassification of IPC codes now complete in
                   INPADOC
 NEWS 10  JUN 26   TULSA/TULSA2 reloaded and enhanced with new search and
                   and display fields
 NEWS 11  JUN 28   Price changes in full-text patent databases EPFULL and PCTFULL
 NEWS 12  JUl 11   CHEMSAFE reloaded and enhanced
 NEWS 13  JUl 14   FSTA enhanced with Japanese patents
 NEWS 14  JUl 19   Coverage of Research Disclosure reinstated in DWPI
 NEWS 15  AUG 09   INSPEC enhanced with 1898-1968 archive
 NEWS 16  AUG 28   ADISCTI Reloaded and Enhanced
 NEWS 17  AUG 30   CA(SM)/CAplus(SM) Austrian patent law changes
 NEWS 18  SEP 11   CA/CAplus enhanced with more pre-1907 records

 NEWS EXPRESS  JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

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 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8
 NEWS X25      X.25 communication option no longer available

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FILE 'HOME' ENTERED AT 18:22:06 ON 14 SEP 2006

=> file medline, uspatful, dgene, embase, wpids, fsta, jicst, biosis, scisearch
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
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FULL ESTIMATED COST 0.42 0.42

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FILE 'SCISEARCH' ENTERED AT 18:23:05 ON 14 SEP 2006
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=> s human secreted protein
   3 FILES SEARCHED...
L1 118137 HUMAN SECRETED PROTEIN

=> s l1 and fragment
L2 16544 L1 AND FRAGMENT

=> s l2 and (regulate IL-8 production and secretion)
L3 0 L2 AND (REGULATE IL-8 PRODUCTION AND SECRETION)

=> s (IL-8 production and secretion) and regulate
L4 243 (IL-8 PRODUCTION AND SECRETION) AND REGULATE

=> s (regulate IL-8 production and secretion)
L5 7 (REGULATE IL-8 PRODUCTION AND SECRETION)

=> s l4 and l5
L6 7 L4 AND L5

=> d l5 ti abs ibib tot

L5 ANSWER 1 OF 7 MEDLINE on STN
TI Interleukin-8 differentially regulates migration of tumor-associated and normal human brain endothelial cells.
AB Interleukin-8 (IL-8) is a chemokine involved in angiogenesis, a process vital to tumor growth. Previously, we showed that endothelial cells derived from human tumor tissue have different functional and phenotypic properties compared with normal endothelial cells. This study analyzes the role of IL-8 in regulating angiogenesis of tumor-associated brain endothelial cells (TuBEC). Results show that TuBECs have a higher baseline migration rate compared with normal brain endothelial cells (BEC). TuBECs are unaffected when stimulated with IL-8 whereas BECs are activated. This lack of response of TuBECs to IL-8 is due to the constitutive production of IL-8. Endogenously produced IL-8 activates TuBECs in an autocrine manner as shown by IL-8 receptor inhibition.

Blocking either CXCR1 or CXCR2 partially reduces TuBEC migration, whereas blocking both receptors further reduces migration. Treatment with antibody against vascular endothelial growth factor (VEGF) shows that production of IL-8 by TuBECs is dependent on VEGF. Transforming growth factor-beta1 (TGF-beta1), shown to down-regulate IL-8 production in BECs, does not inhibit IL-8 production in TuBECs. In summary, these studies show that TuBECs constitutively secrete IL-8 and autocrine activation by IL-8 is the result of VEGF stimulation. Furthermore, TuBECs do not respond to the feedback inhibition normally induced by TGF-beta1. These data emphasize the functional uniqueness of TuBECs. Understanding the functions and regulatory processes of tumor-associated endothelial cells is critical for developing appropriate antiangiogenic therapies.

ACCESSION NUMBER: 2005610565 MEDLINE
DOCUMENT NUMBER: PubMed ID: 16288024
TITLE: Interleukin-8 differentially regulates migration of tumor-associated and normal human brain endothelial cells.
AUTHOR: Charalambous Christiana; Pen Ligaya B; Su Yuzhuang S; Milan Johanna; Chen Thomas C; Hofman Florence M
CORPORATE SOURCE: Department of Molecular Microbiology and Immunology, University of Southern California Keck School of Medicine, Los Angeles, California 90033, USA.
SOURCE: Cancer research, (2005 Nov 15) Vol. 65, No. 22, pp. 10347-54.
Journal code: 2984705R. ISSN: 0008-5472.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200601
ENTRY DATE: Entered STN: 22 Nov 2005
Last Updated on STN: 19 Jan 2006
Entered Medline: 18 Jan 2006

L5 ANSWER 2 OF 7 MEDLINE on STN
TI Colonic epithelial cell lines as a source of interleukin-8: stimulation by inflammatory cytokines and bacterial lipopolysaccharide.
AB Cytokines produced by intestinal epithelial cells may function as signals to neighbouring immune and inflammatory cells. We investigated production of the neutrophil and T-lymphocyte chemotactic cytokine interleukin-8 (IL-8) by intestinal epithelial cells using four colonic adenocarcinoma cell lines, T84, CaCo-2, HT29 and SW620, as a model system. These cell lines secreted substantial amounts of IL-8 if stimulated with IL-1 beta, tumour necrosis factor-alpha (TNF-alpha) or interferon-gamma (IFN-gamma), except CaCo-2 cells, which responded only to IL-1 beta. Bacterial lipopolysaccharide (LPS) was also an efficient stimulus of IL-8 release in SW620 and HT29 cells, whereas T84 and CaCo-2 cells were completely unresponsive to LPS, IL-8 secretion was greater at 4 hr after stimulation and was accompanied by induction of IL-8 messenger RNA. In T84 cells IFN-gamma and epidermal growth factor (EGF) stimulated IL-8 secretion synergistically with TNF-alpha, whereas in SW620 cells this synergism occurred only between IFN-gamma and TNF-alpha. IL-4, IL-10 and transforming growth factor-beta (TGF-beta), which can down-regulate IL-8 production in macrophages, had no effect on IL-8 generation by our cell lines. Adenocarcinoma cell culture supernatants also induced rapid transients of intracellular calcium in neutrophils. Depending on cell line and stimulus, supernatant bioactivity was completely or partially abrogated by neutralizing antibodies to IL-8, indicating that the cell lines investigated also generate other neutrophil-activating factors. IL-8 and possibly other chemokines generated by colonic adenocarcinomas may help to attract tumour-infiltrating leucocytes. Possibly, normal intestinal epithelial cells also have the potential to secrete this potent

chemoattractant and thus might contribute to inflammatory responses of the intestinal mucosa, for example in inflammatory bowel disease.

ACCESSION NUMBER: 94178819 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8132225
TITLE: Colonic epithelial cell lines as a source of interleukin-8: stimulation by inflammatory cytokines and bacterial lipopolysaccharide.
AUTHOR: Schuerer-Maly C C; Eckmann L; Kagnoff M F; Falco M T; Maly F E
CORPORATE SOURCE: Department of Medicine, University of California at San Diego.
CONTRACT NUMBER: DK35108 (NIDDK)
DK40582 (NIDDK)
SOURCE: Immunology, (1994 Jan) Vol. 81, No. 1, pp. 85-91.
Journal code: 0374672. ISSN: 0019-2805.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: (DUPLICATE PUBLICATION)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199404
ENTRY DATE: Entered STN: 28 Apr 1994
Last Updated on STN: 3 Feb 1997
Entered Medline: 18 Apr 1994

L5 ANSWER 3 OF 7 USPATFULL on STN
TI SAIF, an anti-inflammatory factor, and methods of use thereof
AB The invention features a novel soluble anti-inflammatory factor (SAIF), methods of SAIF production and purification, and methods of using SAIF for the treatment or prevention of an inflammatory disease or disorder.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2005:37994 USPATFULL
TITLE: SAIF, an anti-inflammatory factor, and methods of use thereof
INVENTOR(S): Kelly, Ciaran P., West Newton, MA, UNITED STATES
Pothoulakis, Charalabos, Waban, MA, UNITED STATES
Sougioultzis, Stavros, Brookline, MA, UNITED STATES
Bhaskar, Killimangalam R., Lexington, MA, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2005032674	A1	20050210	
APPLICATION INFO.:	US 2004-885380	A1	20040706	(10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-485279P	20030703 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: CLARK & ELBING LLP, 101 FEDERAL STREET, BOSTON, MA, 02110
NUMBER OF CLAIMS: 53
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 21 Drawing Page(s)
LINE COUNT: 1262
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 7 USPATFULL on STN
TI Novel methods for inhibition of HIV replication
AB Methods are provided for inhibiting or suppressing viral replication in an infected host cell. More specifically, methods are provided for inhibiting or suppressing viral replication in an infected host cell by

administering compounds that interfere with the binding of C-X-C chemokines to C-X-C chemokine receptors. Such methods are advantageous for treating viral infections such as human immunodefeciency virus infections.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2003:37158 USPATFULL		
TITLE:	Novel methods for inhibition of HIV replication		
INVENTOR(S):	Markovitz, David M., Ann Arbor, MI, UNITED STATES Lane, Brian R., Ann Arbor, MI, UNITED STATES Polverini, Peter J., Falcon Heights, MN, UNITED STATES Strieter, Robert M., Sherman Oaks, CA, UNITED STATES		
	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003026802	A1	20030206
	US 7052676	B2	20060530
APPLICATION INFO.:	US 2001-961696	A1	20010920 (9)
	NUMBER		DATE
PRIORITY INFORMATION:	US 2000-235634P		20000926 (60)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HARNESS, DICKEY & PIERCE, P.L.C., P.O. BOX 828, BLOOMFIELD HILLS, MI, 48303		
NUMBER OF CLAIMS:	48		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	39 Drawing Page(s)		
LINE COUNT:	2267		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 7 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights reserved on STN

TI Colonic epithelial cell lines as a source of interleukin-8: Stimulation by inflammatory cytokines and bacterial lipopolysaccharide.

AB Cytokines produced by intestinal epithelial cells may function as signals to neighbouring immune and inflammatory cells. We investigated production of the neutrophil and T-lymphocyte chemotactic cytokine interleukin-8 (IL-8) by intestinal epithelial cells using four colonic adenocarcinoma cell lines, T84, CaCo-2, HT29 and SW620, as a model system. These cell lines secreted substantial amounts of IL-8 if stimulated with IL-1β, tumour necrosis factor-α (TNF-α) or interferon-γ (IFN-γ), except CaCo-2 cells, which responded only to IL-1β. Bacterial lipopolysaccharide (LPS) was also an efficient stimulus of IL-8 release in SW620 and HT29 cells, whereas T84 and CaCo-2 cells were completely unresponsive to LPS. IL-8 secretion was greatest at 4 hr after stimulation and was accompanied by induction of IL-8 messenger RNA. In T84 cells IFN-γ and epidermal growth factor (EGF) stimulated IL-8 secretion synergistically with TNF-α, whereas in SW620 cells this synergism occurred only between IFN-γ and TNF-α. IL-4, IL-10 and transforming growth factor-β (TGF-β), which can down- regulate IL-8 production in macrophages, had no effect on IL-8 generation by our cell lines. Adenocarcinoma cell culture supernatants also induced rapid transients of intracellular calcium in neutrophils. Depending on cell line and stimulus, supernatant bioactivity was completely or partially abrogated by neutralizing antibodies to IL-8, indicating that the cell lines investigated also generate other neutrophil- activating factors. IL-8 and possibly other chemokines generated by colonic adenocarcinomas may help to attract tumour-infiltrating leucocytes. Possibly, normal intestinal epithelial cells also have the potential to secrete this potent chemoattractant and thus might contribute to inflammatory responses of the

intestinal mucosa, for example in inflammatory bowel disease.

ACCESSION NUMBER: 94203522 EMBASE
DOCUMENT NUMBER: 1994203522
TITLE: Colonic epithelial cell lines as a source of interleukin-8: Stimulation by inflammatory cytokines and bacterial lipopolysaccharide.
AUTHOR: Schuerer-Maly C.-C.; Eckmann L.; Kagnoff M.F.; Falco M.T.; Maly F.-E.
CORPORATE SOURCE: Klin. Stadt Villingen-Schwenningen, Akademisches Lehrkrankenhaus Univ., Freiburg Voehrenbacher Strasse 23,D-78050 Villingen-Schwenningen, Germany
SOURCE: Immunology, (1994) Vol. 81, No. 1, pp. 85-91. .
ISSN: 0019-2805 CODEN: IMMUAM
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 005 General Pathology and Pathological Anatomy
026 Immunology, Serology and Transplantation
048 Gastroenterology
037 Drug Literature Index
LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 7 Sep 1994
Last Updated on STN: 7 Sep 1994

L5 ANSWER 6 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI Colonic epithelial cell lines as a source of interleukin-8: Stimulation by inflammatory cytokines and bacterial lipopolysaccharide.
AB Cytokines produced by intestinal epithelial cells may function as signals to neighboring immune and inflammatory cells. We investigated production of the neutrophil and T-lymphocyte chemotactic cytokine interleukin-8 (IL-8) by intestinal epithelial cells using four colonic adenocarcinoma cell lines, T84, CaCo-2, HT29 and SW620, as a model system. These cell lines secreted substantial amounts of IL-8 if stimulated with IL-1-beta, tumour necrosis factor-alpha (TNF-alpha) or interferon-gamma (IFN-gamma), except CaCo-2 cells, which responded only to IL-1-beta. Bacterial lipopolysaccharide (LPS) was also an efficient stimulus of IL-8 release in SW620 and HT29 cells, whereas T84 and CaCo-2 cells were completely unresponsive to LPS. IL-8 secretion was greatest at 4 hr after stimulation and was accompanied by induction of IL-8 messenger RNA. In T84 cells IFN-gamma and epidermal growth factor (EGF) stimulated IL-8 secretion synergistically with TNF-alpha, whereas in SW620 cells this synergism occurred only between IFN-gamma and TNF-alpha. IL-4, IL-10 and transforming growth factor-beta (TGF-beta), which can down-regulate IL-8 production in macrophages, had no effect on IL-8 generation by our cell lines. Adenocarcinoma cell culture supernatants also induced rapid transients of intracellular calcium in neutrophils. Depending on cell line and stimulus, supernatant bioactivity was completely or partially abrogated by neutralizing antibodies to IL-8, indicating that the cell lines investigated also generate other neutrophil-activating factors. IL-8 and possibly other chemokines generated by colonic adenocarcinomas may help to attract tumour-infiltrating leucocytes. Possibly, normal intestinal epithelial cells also have the potential to secrete this potent chemoattractant and thus might contribute to inflammatory responses of the intestinal mucosa, for example in inflammatory bowel disease.

ACCESSION NUMBER: 1994:127760 BIOSIS
DOCUMENT NUMBER: PREV199497140760
TITLE: Colonic epithelial cell lines as a source of interleukin-8: Stimulation by inflammatory cytokines and bacterial lipopolysaccharide.
AUTHOR(S): Schuerer-Maly, C.-C. [Reprint author]; Eckmann, L.; Kagnoff, M. F.; Falco, M. T.; Maly, F.-E.
CORPORATE SOURCE: Klinikum Stadt Villingen-Schwenningen, Akademisches

Lehrkrankenhaus Univ., Freiburg Voehrenbacher Strase 23, D-78050 Villingen-Schwenningen, Germany

SOURCE: Immunology, (1994) Vol. 81, No. 1, pp. 85-91.
CODEN: IMMUAM. ISSN: 0019-2805.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 24 Mar 1994
Last Updated on STN: 24 Mar 1994

L5 ANSWER 7 OF 7 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on STN

TI COLONIC EPITHELIAL-CELL LINES AS A SOURCE OF INTERLEUKIN-8 - STIMULATION BY INFLAMMATORY CYTOKINES AND BACTERIAL LIPOPOLYSACCHARIDE

AB Cytokines produced by intestinal epithelial cells may function as signals to neighbouring immune and inflammatory cells. We investigated production of the neutrophil and T-lymphocyte chemotactic cytokine interleukin-8 (IL-8) by intestinal epithelial cells using four colonic adenocarcinoma cell lines, T84, CaCo-2 HT29 and SW620, as a model system. These cell lines secreted substantial amounts of IL-8 if stimulated with IL-1 beta, tumour necrosis factor-alpha (TNF-alpha) or interferon-gamma (IFN-gamma), except CaCo-2 cells, which responded only to IL-1 beta. Bacterial lipopolysaccharide (LPS) was also an efficient stimulus of IL-8 release in SW620 and HT29 cells, whereas T84 and CaCo-2 cells were completely unresponsive to LPS. IL-8 secretion was greatest at 4 hr after stimulation and was accompanied by induction of IL-8 messenger RNA. In T84 cells IFN-gamma and epidermal growth factor (EGF) stimulated IL-8 secretion synergistically with TNF-alpha, whereas in SW620 cells this synergism occurred only between IFN-gamma and TNF-alpha. IL-4, IL-10 and transforming growth factor-beta (TGF-beta), which can down-regulate IL-8 production in macrophages, had no effect on IL-8 generation by our cell lines. Adenocarcinoma cell culture supernatants also induced rapid transients of intracellular calcium in neutrophils. Depending on cell line and stimulus, supernatant bioactivity was completely or partially abrogated by neutralizing antibodies to IL-8, indicating that the cell lines investigated also generate other neutrophil-activating factors. IL-8 and possibly other chemokines generated by colonic adenocarcinomas may help to attract tumour-infiltrating leucocytes. Possibly, normal intestinal epithelial cells also have the potential to secrete this potent chemoattractant and thus might contribute to inflammatory responses of the intestinal mucosa, for example in inflammatory bowel disease.

ACCESSION NUMBER: 1994:54873 SCISEARCH
THE GENUINE ARTICLE: MQ297
TITLE: COLONIC EPITHELIAL-CELL LINES AS A SOURCE OF INTERLEUKIN-8 - STIMULATION BY INFLAMMATORY CYTOKINES AND BACTERIAL LIPOPOLYSACCHARIDE
AUTHOR: SCHUERERMALY C C (Reprint); ECKMANN L; KAGNOFF M F; FALCO M T; MALY F E
CORPORATE SOURCE: UNIV CALIF SAN DIEGO, DEPT MED, MUCOSAL IMMUNOL LAB, LA JOLLA, CA USA; Scripps Res Inst, DEPT IMMUNOL, LA JOLLA, CA USA
COUNTRY OF AUTHOR: USA
SOURCE: IMMUNOLOGY, (JAN 1994) Vol. 81, No. 1, pp. 85-91.
ISSN: 0019-2805.
PUBLISHER: BLACKWELL SCIENCE LTD, OSNEY MEAD, OXFORD, OXON, ENGLAND OX2 0EL.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 31
ENTRY DATE: Entered STN: 1994
Last Updated on STN: 1994
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

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     FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, JICST-EPLUS,
     BIOSIS, SCISEARCH' ENTERED AT 18:23:05 ON 14 SEP 2006
L1        118137 S HUMAN SECRETED PROTEIN
L2         16544 S L1 AND FRAGMENT
L3             0 S L2 AND (REGULATE IL-8 PRODUCTION AND SECRETION)
L4           243 S (IL-8 PRODUCTION AND SECRETION) AND REGULATE
L5             7 S (REGULATE IL-8 PRODUCTION AND SECRETION)
L6             7 S L4 AND L5

=> s (HWHGU54)
L7            10 (HWHGU54)

=> s l7 and l4
L8             0 L7 AND L4

=> e rosen, c/au
E1             1     ROSEN ZWEIG J/AU
E2             1     ROSEN ZWEIG JAMES/AU
E3             0 --> ROSEN, C/AU
E4             1     ROSENA BRUCE R/AU
E5             1     ROSENABUM S/AU
E6             1     ROSENACKER A F/AU
E7             1     ROSENACKER ARTHUR F/AU
E8             4     ROSENADA CEPERO R/AU
E9             1     ROSENAGER L/AU
E10            2     ROSENAK B/AU
E11           74     ROSENAK B D/AU
E12           34     ROSENAK D/AU

=> e ruben,s/au
E1             1     RUBEN ZANCHETTA JOSE/AU
E2             2     RUBEN ZORRO/AU
E3             0 --> RUBEN,S/AU
E4            13     RUBENACH B/AU
E5            12     RUBENACH BERNHARD/AU
E6             2     RUBENACH F/AU
E7             2     RUBENACH GERZ K/AU
E8             1     RUBENACH I/AU
E9             2     RUBENACH J/AU
E10            2     RUBENACH M/AU
E11           16     RUBENACH M J/AU
E12            2     RUBENACH O/AU

=> d his

     (FILE 'HOME' ENTERED AT 18:22:06 ON 14 SEP 2006)

     FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, JICST-EPLUS,
     BIOSIS, SCISEARCH' ENTERED AT 18:23:05 ON 14 SEP 2006
L1        118137 S HUMAN SECRETED PROTEIN
L2         16544 S L1 AND FRAGMENT
L3             0 S L2 AND (REGULATE IL-8 PRODUCTION AND SECRETION)
L4           243 S (IL-8 PRODUCTION AND SECRETION) AND REGULATE
L5             7 S (REGULATE IL-8 PRODUCTION AND SECRETION)
L6             7 S L4 AND L5
L7            10 S (HWHGU54)
L8             0 S L7 AND L4
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                E ROSEN, C/AU
                E RUBEN,S/AU

=> s (IL-8 and inhibition or activation)
L9     2641952 (IL-8 AND INHIBITION OR ACTIVATION)

=> s l9 and protein
L10     979948 L9 AND PROTEIN

=> s l10 and (secretion)
L11      80106 L10 AND (SECRETION)

=> s l11 and l1
L12        344 L11 AND L1

=> s l12 and l7
L13          6 L12 AND L7

=> d l13 ti abs ibib tot

L13  ANSWER 1 OF 6  USPATFULL on STN
TI      94 human secreted proteins
AB      The present invention relates to novel human secreted proteins and
        isolated nucleic acids containing the coding regions of the genes
        encoding such proteins. Also provided are vectors, host cells,
        antibodies, and recombinant methods for producing human secreted
        proteins. The invention further relates to diagnostic and therapeutic
        methods useful for diagnosing and treating disorders related to these
        novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER:       2004:190160  USPATFULL
TITLE:                  94 human secreted proteins
INVENTOR(S):            Ruben, Steven M., Brookeville, MD, UNITED STATES
                        Ni, Jian, Germantown, MD, UNITED STATES
                        Rosen, Craig A., Laytonsville, MD, UNITED STATES
                        Wei, Ying-Fei, Berkeley, CA, UNITED STATES
                        Young, Paul, Gaithersburg, MD, UNITED STATES
                        Florence, Kimberly, Rockville, MD, UNITED STATES
                        Soppet, Daniel R., Centreville, VA, UNITED STATES
                        Brewer, Laurie A., St. Paul, MN, UNITED STATES
                        Endress, Gregory A., Florence, MA, UNITED STATES
                        Carter, Kenneth C., North Potomac, MD, UNITED STATES
                        Mucenski, Michael, Cincinnati, OH, UNITED STATES
                        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
                        LaFleur, David W., Washington, DC, UNITED STATES
                        Olsen, Henrik, Gaithersburg, MD, UNITED STATES
                        Shi, Yanggu, Gaithersburg, MD, UNITED STATES
                        Moore, Paul A., North Bethesda, MD, UNITED STATES
                        Komatsoulis, George, Silver Spring, MD, UNITED STATES
PATENT ASSIGNEE(S):     Human Genome Sciences, Inc., Rockville, MD (U.S.
                        corporation)

                             NUMBER        KIND    DATE
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PATENT INFORMATION:     US 2004146930      A1   20040729
APPLICATION INFO.:      US 2004-800834     A1   20040316  (10)
RELATED APPLN. INFO.:   Division of Ser. No. US 2002-115123, filed on 4 Apr
                        2002, PENDING Division of Ser. No. US 1999-461325,
                        filed on 14 Dec 1999, GRANTED, Pat. No. US 6475753
                        Continuation-in-part of Ser. No. WO 1999-US13418, filed
                        on 15 Jun 1999, PENDING
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	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-89507P	19980616 (60)
	US 1998-89508P	19980616 (60)
	US 1998-89509P	19980616 (60)
	US 1998-89510P	19980616 (60)
	US 1998-90112P	19980622 (60)
	US 1998-90113P	19980622 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
LINE COUNT: 18341
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 2 OF 6 USPATFULL on STN
TI Novel nucleic acids and polypeptides
AB The present invention provides novel nucleic acids, novel polypeptide sequences encoded by these nucleic acids and uses thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2004:70018 USPATFULL
TITLE: Novel nucleic acids and polypeptides
INVENTOR(S): Tang, Y. Tom, San Jose, CA, UNITED STATES
Liu, Chenghua, San Jose, CA, UNITED STATES
Drmanac, Radoje T., Palo Alto, CA, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2004053245	A1	20040318	
APPLICATION INFO.:	US 2003-276774	A1	20030624	(10)
	WO 2001-US3800		20010205	

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: NUVELO, 675 ALMANOR AVE., SUNNYVALE, CA, 94085
NUMBER OF CLAIMS: 28
EXEMPLARY CLAIM: 1
LINE COUNT: 18750
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 3 OF 6 USPATFULL on STN
TI Methods and compositions for diagnosing and treating rheumatoid arthritis
AB The invention provides methods and compositions for diagnostic assays for detecting R.A. and therapeutic methods and compositions for treating R.A. The invention also provides methods for designing, identifying, and optimizing therapeutics for R.A. Diagnostic compositions of the invention include compositions comprising detection agents for detecting one or more genes that have been shown to be up- or down-regulated in cells of R.A. relative to normal counterpart cells. Exemplary detection agents include nucleic acid probes, which can be in solution or attached to a solid surface, e.g., in the form of a microarray. The invention also provides computer-readable media comprising values of levels of expression of one or more genes that are up- or down-regulated in R.A.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2003:220740 USPATFULL
TITLE: Methods and compositions for diagnosing and treating rheumatoid arthritis
INVENTOR(S): Pittman, Debra D., Windham, NH, UNITED STATES
Feldman, Jeffrey L., Arlington, MA, UNITED STATES

Shields, Kathleen M., Harvard, MA, UNITED STATES
Trepicchio, William L., Andover, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003154032	A1	20030814
APPLICATION INFO.:	US 2001-23451	A1	20011217 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-255861P	20001215 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Patent Group, FOLEY, HOAG & ELIOT LLP, One Post Office Square, Boxton, MA, 02109
NUMBER OF CLAIMS: 40
EXEMPLARY CLAIM: 1
LINE COUNT: 25385
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 4 OF 6 USPATFULL on STN
TI Secreted protein HCEJQ69
AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2003:93790 USPATFULL
TITLE: Secreted protein HCEJQ69
INVENTOR(S): Ruben, Steven M., Olney, MD, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Wei, Ying-Fei, Berkeley, CA, UNITED STATES
Young, Paul, Gaithersburg, MD, UNITED STATES
Florence, Kimberly, Rockville, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
Endress, Gregory A., Florence, MA, UNITED STATES
Carter, Kenneth C., North Potomac, MD, UNITED STATES
Mucenski, Michael, Cincinnati, OH, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Olsen, Henrik, Gaithersburg, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
Komatsoulis, George, Silver Spring, MD, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003065151	A1	20030403
	US 6774216	B2	20040810
APPLICATION INFO.:	US 2002-115123	A1	20020404 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-461325, filed on 14 Dec 1999, PENDING Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1999, UNKNOWN		

	NUMBER	DATE

PRIORITY INFORMATION:	US 1998-89507P	19980616 (60)
	US 1998-89508P	19980616 (60)
	US 1998-89509P	19980616 (60)
	US 1998-89510P	19980616 (60)
	US 1998-90112P	19980622 (60)
	US 1998-90113P	19980622 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 94
EXEMPLARY CLAIM: 1
LINE COUNT: 18779
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 5 OF 6 USPATFULL on STN
TI Secreted protein HCEJQ69
AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2003:64730 USPATFULL
TITLE: Secreted protein HCEJQ69
INVENTOR(S): Ruben, Steven M., Olney, MD, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Wei, Ying-Fei, Berkeley, CA, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
Florence, Kimberly A., Rockville, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
Endress, Gregory A., Florence, MA, UNITED STATES
Carter, Kenneth C., North Potomac, MD, UNITED STATES
Mucenski, Michael, Cincinnati, OH, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
Komatsoulis, George A., Silver Spring, MD, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003044851	A1	20030306
	US 6627741	B2	20030930
APPLICATION INFO.:	US 2001-12542	A1	20011212 (10)

RELATED APPLN. INFO.: Division of Ser. No. US 1999-461325, filed on 14 Dec 1999, PENDING Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1999, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-89507P	19980616 (60)
	US 1998-89508P	19980616 (60)

	US 1998-89509P	19980616 (60)
	US 1998-89510P	19980616 (60)
	US 1998-90112P	19980622 (60)
	US 1998-90113P	19980622 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 71
EXEMPLARY CLAIM: 1
LINE COUNT: 18831
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 6 OF 6 USPATFULL on STN
TI 94 Human Secreted Proteins
AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2002:290742 USPATFULL
TITLE: 94 Human Secreted Proteins
INVENTOR(S): Ruben, Steven M., Olney, MD, United States
Ni, Jian, Rockville, MD, United States
Rosen, Craig A., Laytonsville, MD, United States
Wei, Ying-Fei, Berkeley, CA, United States
Young, Paul, Gaithersburg, MD, United States
Florence, Kimberly, Rockville, MD, United States
Soppet, Daniel R., Centreville, VA, United States
Brewer, Laurie A., St. Paul, MN, United States
Endress, Gregory A., Potomac, MD, United States
Carter, Kenneth C., Potomac, MD, United States
Mucenski, Michael, Cincinnati, OH, United States
Ebner, Reinhard, Gaithersburg, MD, United States
Lafleur, David W., Washington, DC, United States
Olsen, Henrik, Gaithersburg, MD, United States
Shi, Yanggu, Gaithersburg, MD, United States
Moore, Paul A., Germantown, MD, United States
Komatsoulis, George, Silver Spring, MD, United States
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6475753	B1	20021105
APPLICATION INFO.:	US 1999-461325		19991214 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1999

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-89507P	19980616 (60)
	US 1998-89508P	19980616 (60)
	US 1998-89509P	19980616 (60)
	US 1998-89510P	19980616 (60)
	US 1998-90112P	19980622 (60)
	US 1998-90113P	19980622 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Eyler, Yvonne
ASSISTANT EXAMINER: Hamud, Fozia
LEGAL REPRESENTATIVE: Human Genome Sciences, Inc.
NUMBER OF CLAIMS: 37
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 18031
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Refine Search

Search Results -

Terms	Documents
L7 and (HWHGU54)	3

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US OCR Full-Text Database
EPO Abstracts Database
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L7	L6 and (fragment)	265	L7
L6	L5 and (regulate IL-8 production or secretion)	265	L6
L5	L4 and l3	265	L5
L4	human secreted protein	263435	L4
L3	L2 and l1	265	L3
L2	ruben.in.	767	L2
L1	rosen.in.	904	L1

END OF SEARCH HISTORY

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First Hit

Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20040146930 A1

L8: Entry 1 of 3 File: PGPB Jul 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040146930
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040146930 A1

TITLE: 94 human secreted proteins

PUBLICATION-DATE: July 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ruben, Steven M.	Brookeville	MD	US
Ni, Jian	Germantown	MD	US
Rosen, Craig A.	Laytonsville	MD	US
Wei, Ying-Fei	Berkeley	CA	US
Young, Paul	Gaithersburg	MD	US
Florence, Kimberly	Rockville	MD	US
Soppet, Daniel R.	Centreville	VA	US
Brewer, Laurie A.	St. Paul	MN	US
Endress, Gregory A.	Florence	MA	US
Carter, Kenneth C.	North Potomac	MD	US
Mucenski, Michael	Cincinnati	OH	US
Ebner, Reinhard	Gaithersburg	MD	US
LaFleur, David W.	Washington	DC	US
Olsen, Henrik	Gaithersburg	MD	US
Shi, Yanggu	Gaithersburg	MD	US
Moore, Paul A.	North Bethesda	MD	US
Komatsoulis, George	Silver Spring	MD	US

US-CL-CURRENT: 435/6; 435/320.1, 435/325, 435/69.1, 530/350, 530/388.1, 536/23.5

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Ima

☐ 2. Document ID: US 20030065151 A1

L8: Entry 2 of 3 File: PGPB Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030065151
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030065151 A1

TITLE: Secreted protein HCEJQ69

PUBLICATION-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ruben, Steven M.	Olney	MD	US
Ni, Jian	Germantown	MD	US
Rosen, Craig A.	Laytonsville	MD	US
Wei, Ying-Fei	Berkeley	CA	US
Young, Paul	Gaithersburg	MD	US
Florence, Kimberly	Rockville	MD	US
Soppet, Daniel R.	Centreville	VA	US
Brewer, Laurie A.	St. Paul	MN	US
Endress, Gregory A.	Florence	MA	US
Carter, Kenneth C.	North Potomac	MD	US
Mucenski, Michael	Cincinnati	OH	US
Ebner, Reinhard	Gaithersburg	MD	US
LaFleur, David W.	Washington	DC	US
Olsen, Henrik	Gaithersburg	MD	US
Shi, Yanggu	Gaithersburg	MD	US
Moore, Paul A.	Germantown	MD	US
Komatsoulis, George	Silver Spring	MD	US

US-CL-CURRENT: 530/388.26

☐ 3. Document ID: US 20030044851 A1

L8: Entry 3 of 3 File: PGPB Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030044851
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030044851 A1

TITLE: Secreted protein HCEJQ69

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ruben, Steven M.	Olney	MD	US
Ni, Jian	Germantown	MD	US
Rosen, Craig A.	Laytonsville	MD	US
Wei, Ying-Fei	Berkeley	CA	US
Young, Paul E.	Gaithersburg	MD	US
Florence, Kimberly A.	Rockville	MD	US
Soppet, Daniel R.	Centreville	VA	US
Brewer, Laurie A.	St. Paul	MN	US
Endress, Gregory A.	Florence	MA	US
Carter, Kenneth C.	North Potomac	MD	US
Mucenski, Michael	Cincinnati	OH	US
Ebner, Reinhard	Gaithersburg	MD	US
LaFleur, David W.	Washington	DC	US
Olsen, Henrik S.	Gaithersburg	MD	US
Shi, Yanggu	Gaithersburg	MD	US
Moore, Paul A.	Germantown	MD	US
Komatsoulis, George A.	Silver Spring	MD	US

US-CL-CURRENT: 435/7.2; 435/326, 530/387.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Ima

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Terms	Documents
L7 and (HWHGU54)	3

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Terms	Documents
6475753.pn.	1

Database:
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EPO Abstracts Database
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Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L2

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DATE: Thursday, September 14, 2006 Purge Queries Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=OR			
L2	6475753.pn.	1	L2
L1	6600019.pn.	1	L1

END OF SEARCH HISTORY

Robinson, Hope

From: Desai, Anand
Sent: Thursday, September 14, 2006 12:40 PM
To: Carlson, Karen; Kosson, Rosanne; Mondesi, Robert; Noakes, Suzanne Marie; Robinson, Hope; Rooke, Agnes Beata; Weber, Jon
Subject: Question and Directions for Sunday September 17, 2006.

Our there any food allergies I should watch out for?

My address is

20912 Sunnyacres Road
Gaithersburg, Maryland 20882

Phone numbers:

301-208-8543 (home)
301-717-6981 (cell)

Directions coming from the south.

Get to 270 North.

Take exit 9 off of 270 North, Rt. 370 Sam Eig Hwy/ Shady Grove Metro. Stay to the right off of the ramp. Go towards the metro. You will pass exits for Shady Grove Road to 355 South on Rt. 370 Sam Eig Hwy.
The last exit before the metro is for Shady Grove Road going EAST. The exit is right after the overpass (which is Shady Grove Road).

Stay on Shady Grove Road, when you cross Rt. 115 Muncaster Mill Road (about 5th light), Shady Grove becomes Airpark Road. The second light on Airpark road is the intersection with Rt. 124 Woodfield Road.

Take a right turn onto Rt. 124 Woodfield Road.
After you pass the 3rd light on Woodfield Road you go up a slight incline on the road. The first right is Cutty Sark (1st entrance into the neighborhood), pass it and go to the second right, which is Sunnyacres Road (easy to miss if you go fast).

Take a right onto Sunnyacres Road.

You will go around the bend, and our house is the first house on the right hand side with a driveway full of trees.